

C

Cache

A buffer area used to temporarily store copies of data most recently retrieved from the main memory. This avoids unnecessary access to system files and external databases/file systems thus reducing CPU time consumption and speeding up response time.

Mainframe: See also the topic Buffer Pool Cache in the Natural Turbo Performance Plug-In documentation.

CF = coupling facility

OS/390: Hardware component used to control and coordinate access to data shared by the operating systems participating in a Sysplex environment. The CF is used by the Authorized Services Manager (ASM) and the Roll Server to communicate in a Sysplex environment.

CGI = Common Gateway Interface

Used by Natural Web Interface to provide Internet services in Natural.

Child

Predict: Associations are used to document how Predict objects are related to other Predict objects. An association is established by linking objects to an object either as child or parent. For example, a field is the child of a file; a file is the child of a database.

CICS = Customer Information Control System

OS/390 and VSE/ESA: IBM's online transaction processing system.

CICSplex = CICS complex

A set of interconnected CICS regions acting as resource managers, and combining to provide a set of coherent services for a customer's business needs.*

Class

Natural classes encapsulate data structures (objects) with corresponding functionality (methods).

The internal structure of the objects of a class object is defined with a data area (object data area). The methods of a class are implemented as subprograms.

Class Builder

Windows: Supports the definition and implementation of NaturalX and DCOM component classes as Natural classes. A Natural class can be composed of various components: Natural objects (for example, an object data area) or objects which exist only in the class source (for example, interface components).

The Class Builder represents each component of the class in the form of a node. By selecting these nodes, the class and its components can be managed in a context-sensitive manner. See Class Builder in your User's Guide for Windows.

Class Name

The name defined in the *class-name* operand in the DEFINE CLASS statement. This name is used in the CREATE OBJECT statement to create objects of that class. See also DEFINE CLASS in the Natural Statements documentation.

Class Module Name

The name of the Natural module in which a Natural class is defined.

Client Stub

See RPC stub.

Cluster

VSAM: A dataset defined to VSAM. A cluster can be a key-sequenced dataset (KSDS), an entry-sequenced dataset (ESDS), or a relative-record dataset (RRDS).*

CMS = Conversational Monitor System

VM: A virtual machine operating system that provides general interactive time sharing, problem solving, and program development capabilities, and operates only under control of the VM control program.*

COM = Component Object Model

Microsoft's framework for developing and supporting program component objects. Microsoft provides the base technology for COM on the NT platform. Software AG has ported this to MVS and UNIX. COM provides a set of interfaces allowing clients and servers to communicate within the same computer. Components from different machines can be combined using DCOM.

Compiler

The Natural compiler translates source programs into pseudo-code. See also Natural Optimizer Compiler.

Com-plete

Software AG's general-purpose, fully conversational online transaction processing (OLTP) software.

Compound Application

See Application.

Component Browser

Windows: Used to view ActiveX components which are available for developing NaturalX applications. It comprises the following features:

- Available ActiveX components and their dispatch and dual interfaces are listed.
- Data types are mapped to Natural formats.
- The external components' help files are directly accessible.
- Natural programming examples are automatically generated.

Conceptual File

Predict: File objects of type Conceptual are used for design purposes in the early phases of application development.

Configuration Files

Open Systems: The base directory for FNAT/FUSER is found by looking into the following configuration files:

- *Local Configuration File - Natural.INI*: The local configuration file contains Buffer Pool Assignments and Installation Assignments. It is located in the appropriate "etc" directory for each installed Natural version.
- *Global Configuration File - NATCONF.CFG*: The global configuration file contains DBMS Assignments, Dictionary Server Assignments, Assignments of Printer Profiles, and System File Assignments.

For further information, see the topic Configuration Files under Operations Environment in your Natural Operations documentation. GoTo

Conflict Management

Predict: First phase of the Coordinator Check Cycle. With Predict Version 3.3 and above, all objects have an Internal ID. Conflict Management means the resolution of conflicts resulting from this Internal ID. A possible conflict could be two objects with the same object ID but different Internal IDs.

Conflicts resulting from the Internal ID must be resolved in the Coordinator FDIC before data can be loaded or imported to the Main FDIC.

Con-form

A text formatter which is automatically installed with the mainframe version of Con-nect.

Con-nect

Software AG's office communication system that provides a wide variety of office support functions including electronic mail, text processing, document and time management.

Connection

Predict: A connection between an external and a documentation object is established when either the external object has been generated from the documentation object or the documentation object has been incorporated from the external object. Most connected external and documentation objects can be disconnected explicitly.

The connection is realized on the Predict side with the implementation pointer, an attribute of documentation objects.

Consistency Check

Predict: Third phase of the Coordinator Check Cycle. Objects to be transferred are checked for logical consistency, for example that a file number only occurs once within a database. The same checks are performed as in Maintenance functions.

Constants

Natural supports the following types of constants:

- Numeric Constants
- Alphanumeric Constants
- Date and Time Constants
- Hexadecimal Constants
- Logical Constants
- Floating Point Constants
- Handle Constants

See the topic Constants in the Natural Statements documentation.

Coordinator Check Cycle

Predict: When objects are loaded or imported using the Predict Coordinator, they have to pass a check cycle consisting of the following phases: Conflict Management, Security and Consistency Check. Conflicts in either of the phases must be resolved on the Main or Coordinator FDIC before the Load or Import function can continue.

Coordinator FDIC

Predict: The Coordinator FDIC is a Predict file which is used to store data temporarily when using the Coordinator functions Load or Import. Conflicts must be resolved on this Coordinator FDIC before the load/import operation can be continued. The data on the Coordinator FDIC is deleted after the function has been successfully executed.

Coupled Field

Predict: Fields that are copied from fields in standard files or master files are called coupled fields. See the topic Rippling in the section File of the Predefined Object Types in Predict documentation.

Cross Reference List

Predict: A listing produced by Predict function X in the Retrieval and Active Retrieval menu showing all objects to which a given object is linked by an association.

CSA = Common System Area/Common Storage Area

1. *CICS:* A common system area is a major CICS storage control block that contains areas and data required for the operation of CICS. * See also ECSA.
2. *OS/390:* A common storage area which is available to all address spaces in OS/390.

CSECT = Control Section

That part of a program specified by the programmer to be a relocatable unit, all elements of which are to be loaded into adjoining main storage locations.*

CSV = Comma-Separated Values

Files with statistical tables are stored in CSV format to delimiter columns for spreadsheet manipulation.

CUI = Character User Interface

Current Objects

Predict: Some retrieval types (for example: files with children) report on both the attributes of objects that meet the specified selection criteria and the attributes of objects that are related to these objects. When specifying output options, the objects that meet the specified selection criteria are called the current objects.

Current Virtual Machine/Current Network

Predict: Network and virtual machine objects document the hardware and operating system environment of an information processing system. Predict stores a current virtual machine and a current network which is then used

- as default parent for databases and virtual machine objects
- as the target environment for Generate/ Incorporate/Compare functions and some AOS functions called from the Predict Special functions menu.

Current virtual machine and current network are specified in the Predict Defaults. See the section Defaults in the Predict Administration documentation.